This listing of claims will replace all prior versions, and listings, of claims in the application:

1  Claim 1 (currently amended):  A machine-implemented method
2  for detecting navigation bars in a document, the
3  machine-implemented method comprising:
4      a)  segmenting, with a machine, the document into
5      components; and
6      b)  for each of the components, determining, with the
7      machine, whether or not the component is anchor-heavy,
8      wherein if the component is anchor-heavy, it is
9      determined to be a navigation bar.

1  Claim 2 (currently amended):  The machine-implemented
2  method of claim 1 wherein the act of determining whether or
3  not the component is anchor-heavy is based on a number of
4  anchors in the component and a number of non-anchor words
5  in the component.

1  Claim 3 (currently amended):  The machine-implemented
2  method of claim 1 wherein the act of determining whether or
3  not the component is anchor-heavy includes
4        i)  determining, with the machine, a number of
5        anchors in the component,
6        ii)  determining, with the machine, a number of
7        non-anchor words in the component, and
8        iii)  if the number of anchors is greater than a
9        predetermined threshold and if the number of
10       anchors is greater than the number of non-anchor
11       words, then determining, with the machine, that
12       the component is anchor-heavy.

1  Claim 4 (currently amended): The <u>machine-implemented</u>
2  method of claim 3 wherein the predetermined threshold is
3  about three.


1  Claim 5 (currently amended): The <u>machine-implemented</u>
2  method of claim 3 wherein the predetermined threshold is
3  three.


1  Claim 6 (currently amended): The <u>machine-implemented</u>
2  method of claim 1 wherein the act of determining whether or
3  not the component is anchor-heavy includes
4        i)  determining<u>, with the machine,</u> a first count
5        to be a number of anchors in the component,
6        ii)  determining<u>, with the machine,</u> a second
7        count to be a number of non-anchor words in the
8        component,
9        iii)  incrementing<u>, with the machine,</u> the second
10        count by the number of words in an anchor having
11        more words than a predetermined threshold to
12        determine a non-anchor word count, and
13        iv)  if the first count is greater than a second
14        predetermined threshold and if the first count is
15        greater than the non-anchor word count, then
16        determining<u>, with the machine,</u> that the component
17        is anchor-heavy.


1  Claim 7 (currently amended): The <u>machine-implemented</u>
2  method of claim 6 wherein the predetermined threshold is
3  about four.


3

1 Claim 8 (currently amended):  The machine-implemented
2 method of claim 6 wherein the predetermined threshold is
3 four.


1 Claim 9 (currently amended):  The machine-implemented
2 method of claim 1 wherein the act of segmenting the
3 document into components includes generating, with the
4 machine, a parse tree based on the document, wherein a
5 first node corresponding to a first component is a child of
6 a second node of a second component if the first component
7 is included in the second component.


1 Claim 10 (currently amended):  The machine-implemented
2 method of claim 9 wherein the act of determining whether or
3 not the component is anchor-heavy is based on (i) a number
4 of anchors in a node corresponding to the component and all
5 descendant nodes of the node, and (ii) a number of
6 non-anchor words in the node corresponding to the component
7 and all the descendant nodes of the node.


1 Claim 11 (currently amended):  The machine-implemented
2 method of claim 9 wherein the act of determining whether or
3 not the component is anchor-heavy includes
4            i)   determining, with the machine, a number of
5                 anchors in a node corresponding to the component
6                 and all descendant nodes of the node,
7            ii)  determining, with the machine, a number of
8                 non-anchor words in the node corresponding to the
9                 component and all the descendant nodes of the
10                node, and
11           iii) if the number of anchors is greater than a
12                predetermined threshold and if the number of

| 13 | anchors is greater than the number of non-anchor |
| 14 | words, then determining, with the machine, that |
| 15 | the component is anchor-heavy. |

1 Claim 12 (currently amended): The machine-implemented
2 method of claim 11 wherein the predetermined threshold is
3 about three.

1 Claim 13 (currently amended): The machine-implemented
2 method of claim 11 wherein the predetermined threshold is
3 three.

1 Claim 14 (currently amended): The machine-implemented
2 method of claim 9 wherein the act of determining whether or
3 not the component is anchor-heavy includes

| 4 | i) determining, with the machine, a first count |
| 5 | to be a number of anchors in a node corresponding |
| 6 | to the component and all descendant nodes of the |
| 7 | node, |
| 8 | ii) determining, with the machine, a second |
| 9 | count to be a number of non-anchor words in a |
| 10 | node corresponding to the component and all |
| 11 | descendant nodes of the node, |
| 12 | iii) incrementing, with the machine, the second |
| 13 | count by the number of words in an anchor having |
| 14 | more words than a predetermined threshold to |
| 15 | determine a non-anchor word count, and |
| 16 | iv) if the first count is greater than a second |
| 17 | predetermined threshold and if the first count is |
| 18 | greater than the non-anchor word count, then |
| 19 | determining, with the machine, that the component |
| 20 | is anchor-heavy. |

Claim 15 (currently amended):  A <u>machine-implemented</u> method
for detecting objectionable navigation bars in a document,
the method comprising:

    a)   segmenting<u>, with the machine,</u> the document into
components;

    b)   for each of the components, determining<u>, with the
machine,</u> whether or not the component is a navigation
bar; and

    c)   for each of the components that is determined to
be a navigation bar, determining<u>, with the machine,</u>
whether or not the navigation bar is disqualified from
being classified as an objectionable navigation bar.

Claim 16 (currently amended):  The <u>machine-implemented</u>
method of claim 15 wherein the act of determining, for each
of the components, whether or not the component is a
navigation bar is based on a number of anchors in the
component and a number of non-anchor words in the
component.

Claim 17 (currently amended):  The <u>machine-implemented</u>
method of claim 15 wherein the act of determining whether
or not the component is a navigation bar includes

        i)   determining<u>, with the machine,</u> a number of
anchors in the component,

        ii)   determining<u>, with the machine,</u> a number of
non-anchor words in the component, and

        iii)   if the number of anchors is greater than a
predetermined threshold and if the number of
anchors is greater than the number of non-anchor

11    words, then determining, with the machine, that

12    the component is a navigation bar.


1 Claim 18 (currently amended):  The machine-implemented

2 method of claim 15 wherein the act, for each of the

3 components that is determined to be a navigation bar, of

4 determining whether or not the navigation bar is

5 disqualified from being classified as an objectionable

6 navigation bar includes determining, with the machine,

7 whether a disqualification condition, selected from a group

8 of disqualification conditions consisting of (a) if the

9 component has less than a predetermined number of anchors,

10 (b) if the component has more than a predetermined

11 percentage of words of the document, and (c) if the

12 component is an element of a disqualified component and

13 that disqualified component has only navigation bar

14 elements, exists.


1 Claim 19 (currently amended):  The machine-implemented

2 method of claim 16 wherein the act, for each of the

3 components that is determined to be a navigation bar, of

4 determining whether or not the navigation bar is

5 disqualified from being classified as an objectionable

6 navigation bar includes determining, with the machine,

7 whether a disqualification condition, selected from a group

8 of disqualification conditions consisting of (a) if the

9 component has less than a predetermined number of anchors,

10 (b) if the component has more than a predetermined

11 percentage of words of the document, and (c) if the

12 component is an element of a disqualified component and

13 that disqualified component has only navigation bar

14 elements, exists.

Claim 20 (currently amended): The machine-implemented
method of claim 17 wherein the act, for each of the
components that is determined to be a navigation bar, of
determining whether or not the navigation bar is
disqualified from being classified as an objectionable
navigation bar includes determining, with the machine,
whether a disqualification condition, selected from a group
of disqualification conditions consisting of (a) if the
component has less than a predetermined number of anchors,
(b) if the component has more than a predetermined
percentage of words of the document, and (c) if the
component is an element of a disqualified component and
that disqualified component has only navigation bar
elements, exists.

Claim 21 (currently amended): A machine-implemented method
for detecting objectionable navigation bars in a document,
the machine-implemented method comprising:
a)    segmenting, with a machine, the document into
components by generating a parse tree based on the
document, wherein a first node corresponding to a
first component is a child of a second node of a
second component if the first component is included in
the second component;
b)    for each of the nodes of the parse tree,
determining, with the machine, whether or not the node
corresponds to a navigation bar component; and
c)    for each of the nodes that is determined to
correspond to a navigation bar, determining, with the
machine, whether or not the navigation bar is

16     disqualified from being classified as an objectionable

17     navigation bar.

1 Claim 22 (currently amended): The <u>machine-implemented</u>

2 method of claim 21 wherein the act, for each of the nodes

3 that is determined to correspond to a navigation bar, of

4 determining whether or not the navigation bar is

5 disqualified from being classified as an objectionable

6 navigation bar includes determining<u>, with the machine,</u>

7 whether a disqualification condition, selected from a group

8 of disqualification conditions consisting of (a) if the

9 component associated with the node has less than a

10 predetermined number of anchors, (b) if the component

11 associated with the node has more than a predetermined

12 percentage of words of the document, and (c) if the node

13 has a disqualified ancestor node and that all descendant

14 nodes of the disqualified ancestor node are associated with

15 navigation bar components, exists.

1 Claim 23 (original): A machine-readable medium having

2 machine executable instructions thereon, wherein when the

3 machine executable instructions are executed on a machine,

4 the machine:

5     a)   segments the document into components; and

6     b)   for each of the components, determines whether or

7     not the component is anchor-heavy, wherein if the

8     component is anchor-heavy, it is determined to be a

9     navigation bar.

1 Claim 24 (original): A machine-readable medium having

2 machine executable instructions thereon, wherein when the

3 machine executable instructions are executed on a machine,

4 the machine:

5     a)   segments the document into components;

6     b)   for each of the components, determines whether or

.7     not the component is a navigation bar; and

8     c)   for each of the components that is determined to

9     be a navigation bar, determines whether or not the

10     navigation bar is disqualified from being classified

11     as an objectionable navigation bar.

1 Claim 25 (original):  An apparatus for detecting navigation

2 bars in a document, the apparatus comprising:

3     a)   means for segmenting the document into components;

4     and

5     b)   means for determining, for each of the components,

6     whether or not the component is anchor-heavy, wherein

7     if the component is anchor-heavy, it is determined to

8     be a navigation bar.

1 Claim 26 (original):  An apparatus for detecting

2 objectionable navigation bars in a document, the apparatus

3 comprising:

4     a)   means for segmenting the document into components;

5     b)   means for determining, for each of the components,

6     whether or not the component is a navigation bar; and

7     c)   means for determining, for each of the components

8     that is determined to be a navigation bar, whether or

9     not the navigation bar is disqualified from being

10     classified as an objectionable navigation bar.